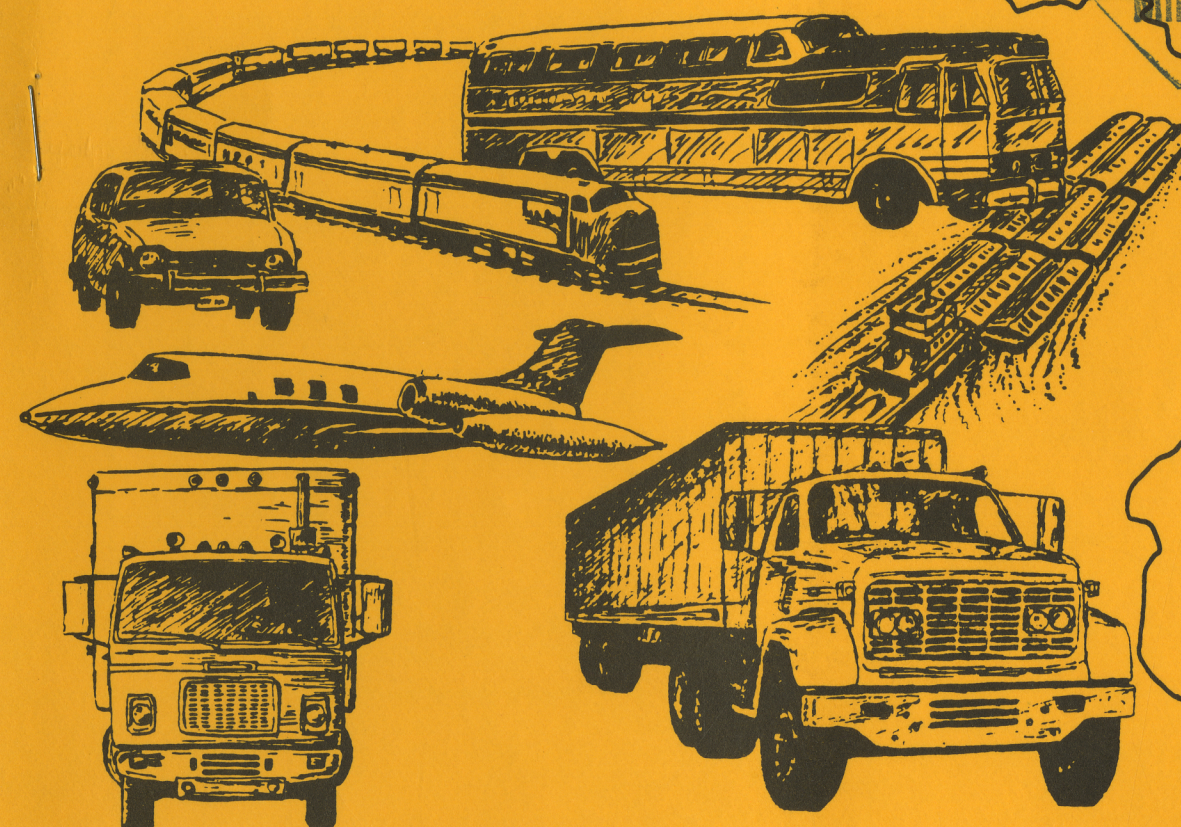




Transportation Analysis

TA-M372 A
TH 5 From TH 284 to Island View Road (Waconia)
Supplement to TA-M372

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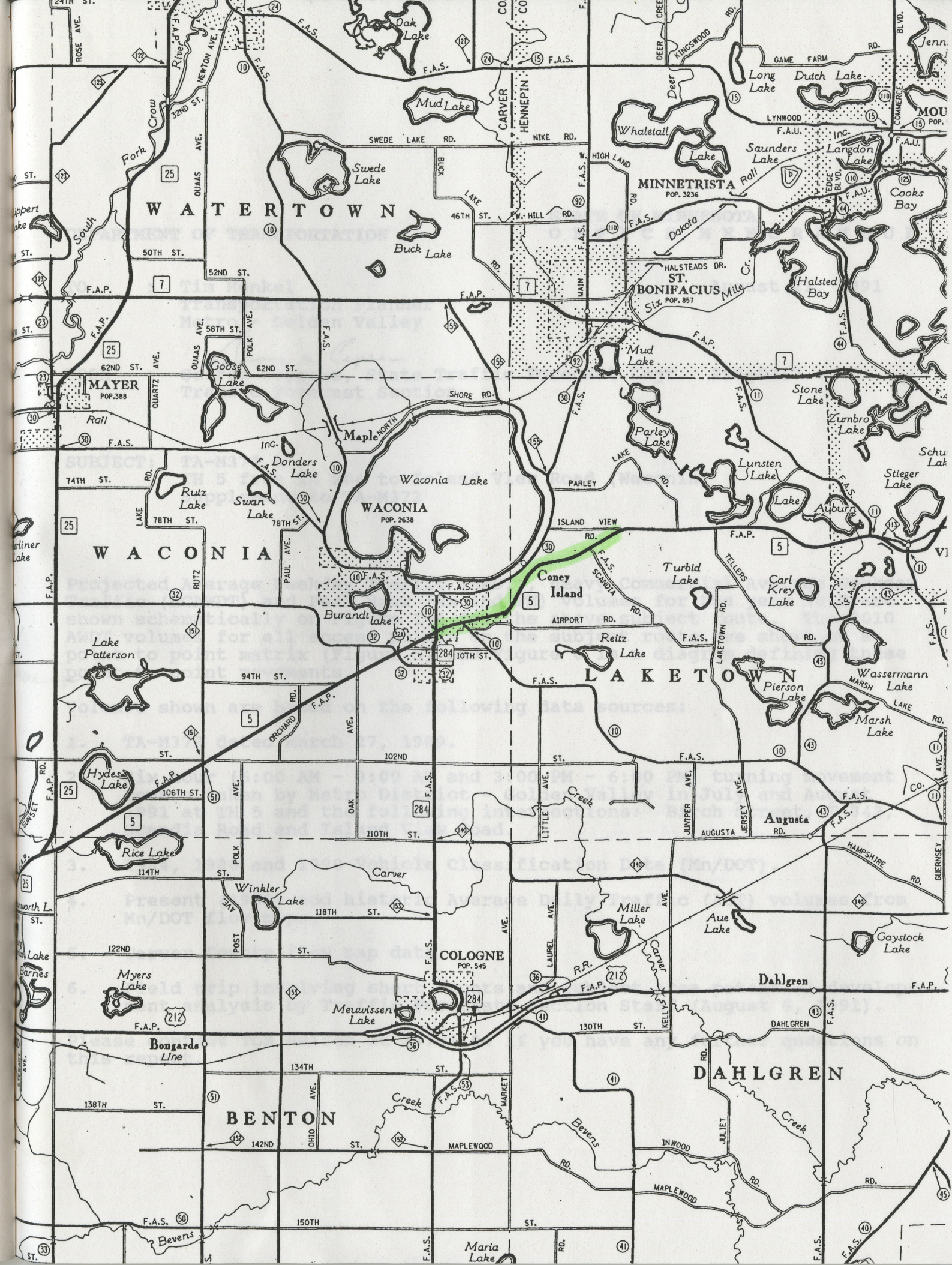


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PREPARED BY
THE MINNESOTA DEPARTMENT OF TRANSPORTATION
PROGRAM MANAGEMENT DIVISION
TRAFFIC FORECASTS SECTION



WATER TOWN
WACONIA
LAKETOWN
BENTON
DAHLGREN



DEPARTMENT OF TRANSPORTATION

STATE OF MINNESOTA
OFFICE MEMORANDUM

TO : Tim Henkel
Transportation Planner
Metro - Golden Valley

August 21, 1991

FROM : *George M. Cepress*
George Cepress, State Traffic Forecast Engr. 296-0217
Traffic Forecast Section

SUBJECT: TA-M372 A
TH 5 from TH 284 to Island View Road (Waconia)
Supplement to TA-M372

Projected Average Weekday Traffic (AWDT), Heavy Commercial Average Weekday Traffic (HCAWDT) and Peak Hour (AM and PM) volumes for the year 2010 are shown schematically on Figure 1-4 for the above subject route. The 2010 AWDT volumes for all access points on the subject route are shown on a point to point matrix (Figure 5) and Figure 6 is a diagram defining these point to point movements.

Volumes shown are based on the following data sources:

1. TA-M372 dated March 27, 1989.
2. Six hour (6:00 AM - 9:00 AM and 3:00 PM - 6:00 PM) turning movement counts taken by Metro District - Golden Valley in July and August 1991 at TH 5 and the following intersections: Birch Street, T 342, Scandia Road and Island View Road.
3. 1984, 1986 and 1990 Vehicle Classification Data (Mn/DOT).
4. Present (1990) and historic Average Daily Traffic (ADT) volumes from Mn/DOT flow maps.
5. Carver County flow map data.
6. Field trip involving short counts and subject area potential development analysis by Traffic Forecasts Section Staff (August 8, 1991).

Please contact Tom Nelson at 297-1194 if you have any further questions on this report.

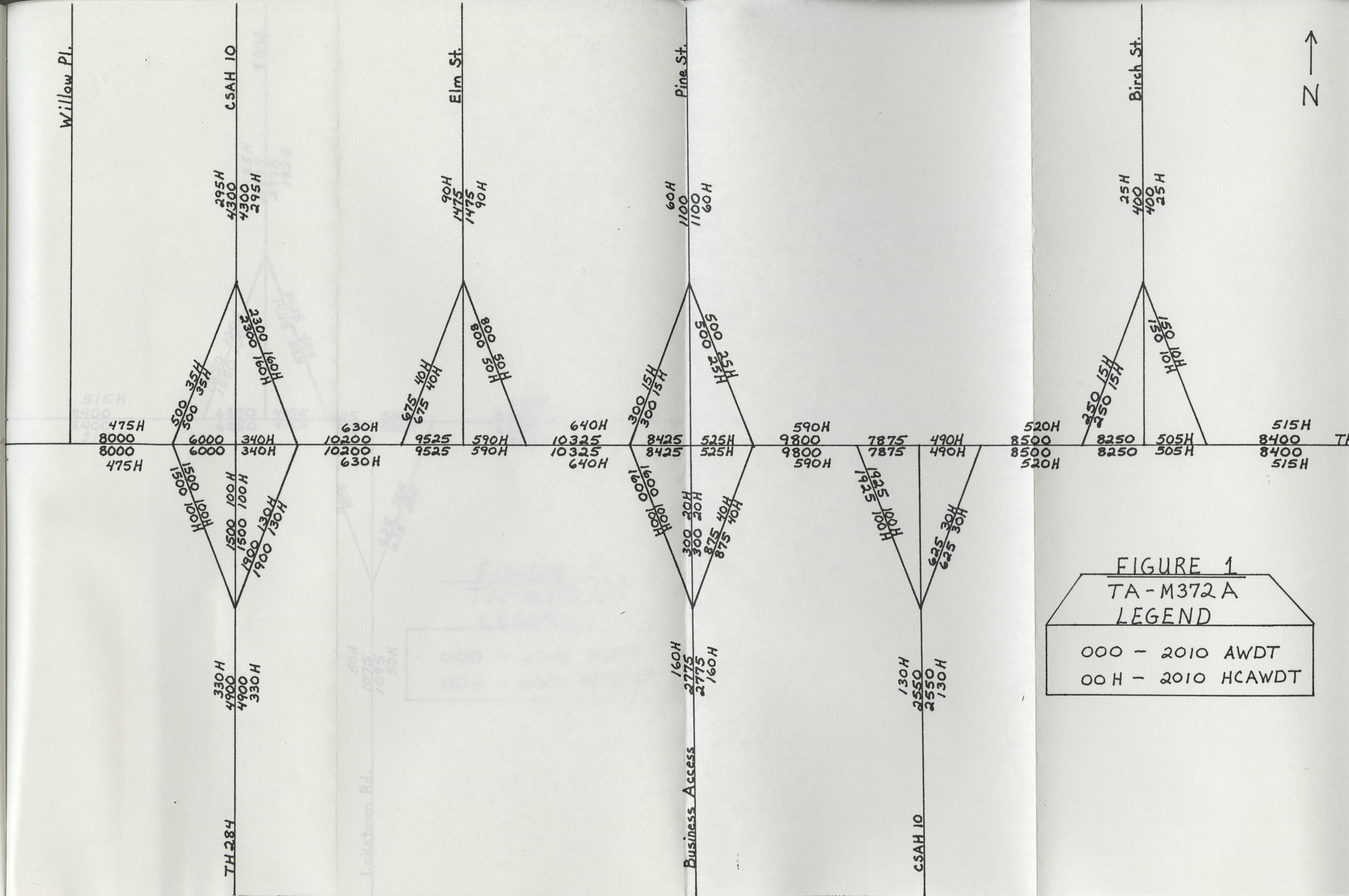


FIGURE 1
TA-M372A
LEGEND

000 - 2010 AWDT
00H - 2010 HCAWDT

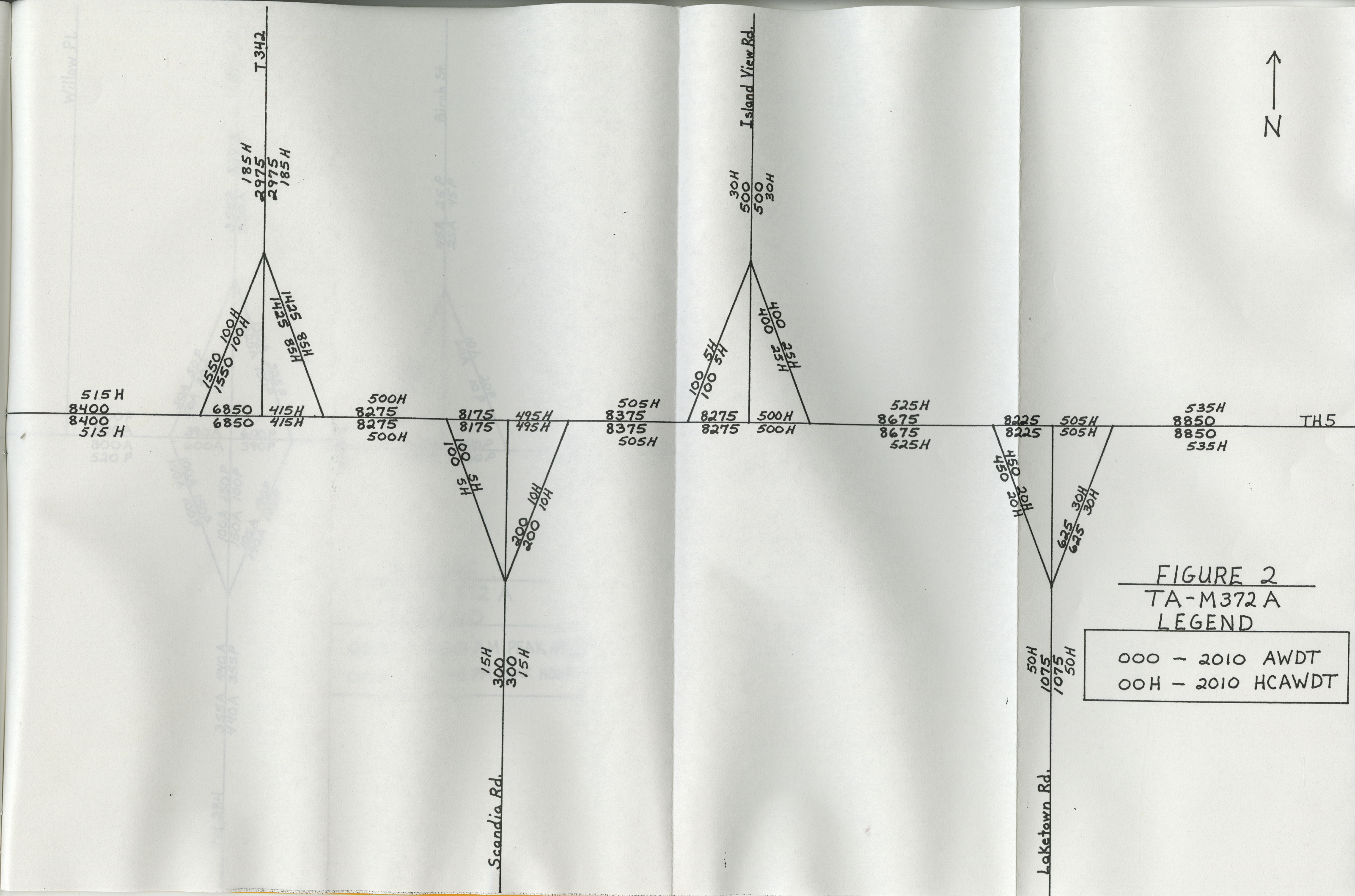


FIGURE 2
TA-M372 A
LEGEND



Willow Pl.

TH 284 355A 440A 440A 355P CSAH 10

800P
520A
800A
520P

30A 50P
50A 30P
100A 150P
150A 100P
100A 150P
150A 100P
190A 190P
190A 105P

390A
600A
390P
600P
130A 235P
135A 130P

1015P
625A
1015A
625P

75A 40P
40A 75P
550A
975A

Elm St.

155A 90P
90A 155P

50A 80P
105A 105P
50A 80P

1055P
600A
1055A
600P

30A 15P
15A 30P
100A 100P
100A 100P
100A 100P
100A 100P
30A 15P
15A 30P

Business Access 280A 165P
165A 280P

Pine St.

110A 60P
60A 110P

470A
880A
470P
880P
30A 50P
50A 30P
30A 50P
50A 30P

980P
590A
980A
590P

445A
790A
145A 190P
190A 145P

CSAH 10 230A 210P
210A 230P

790P
445P

40A 65P
65A 40P

855P
485A
855A
485P

25A 15P
15A 25P

Birch St.

45A 25P
25A 45P

460A
840A
460P
840P
10A 20P
20A 10P

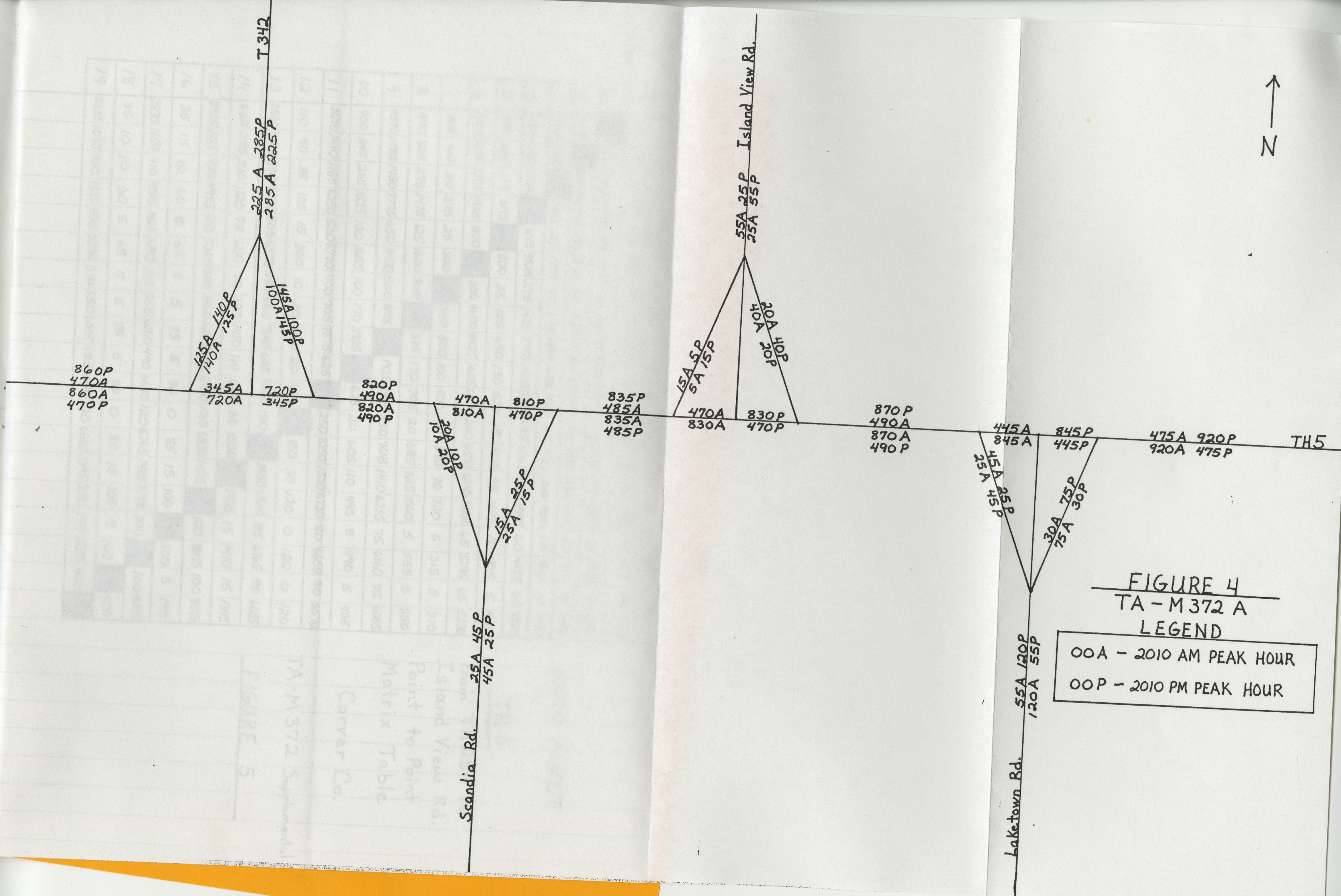
860P
470A
860A
470P

TH 5

N ↑

FIGURE 3
TA-M372 A
LEGEND

00A - 2010 AM PEAK HOUR
00P - 2010 PM PEAK HOUR



2010 AWDT

TH 5

From TH284 to
Island View Rd.
Point to Point
Matrix Table

Carver Co.

TA-M372 Supplemental

FIGURE 5

To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
From																			
1		500	1500	6000	395	5605	165	870	4570	900	3670	110	3560	655	2905	35	2870	35	2835
2	500		1500	2300	150	2150	60	335	1755	345	1410	40	1370	255	1115	15	1100	10	1090
3	1500	1500		1900	125	1775	50	275	1450	285	1165	35	1130	210	920	10	910	10	900
4	6000	2300	1900		675	9525	275	1475	7775	1525	6250	185	6065	1120	4945	60	4885	60	4825
5	395	150	125	675		800	25	125	650	130	520	15	505	95	410	5	405	5	400
6	5605	2150	1775	9525	800		300	1600	8425	1655	6770	200	6570	1210	5360	65	5295	65	5230
7	165	60	50	275	25	300		300	500	100	400	10	390	70	320	5	315	5	310
8	870	335	275	1475	125	1600	300		875	170	705	20	685	125	560	5	555	5	550
9	4570	1755	1450	7775	650	8425	500	875		1925	7875	230	7645	1410	6235	75	6160	75	6085
10	900	345	285	1525	130	1655	100	170	1925		625	20	605	110	495	5	490	5	485
11	3670	1410	1165	6250	520	6770	400	705	7875	625		250	8250	1520	6730	80	6650	80	6570
12	110	40	35	185	15	200	10	20	230	20	250		150	30	120	0	120	0	120
13	3560	1370	1130	6065	505	6570	390	685	7645	605	8250	150		1550	6850	85	6765	80	6685
14	655	255	210	1120	95	1210	70	125	1410	110	1520	30	1550		1425	15	1410	15	1395
15	2905	1115	920	4945	410	5360	320	560	6235	495	6730	120	6850	1425		100	8175	100	8075
16	35	15	10	60	5	65	5	5	75	5	80	0	85	15	100		200	5	195
17	2870	1100	910	4885	405	5295	315	555	6160	490	6650	120	6765	1410	8175	200		100	8275
18	35	10	10	60	5	65	5	5	75	5	80	0	80	15	100	5	100		400
19	2835	1090	900	4825	400	5230	310	550	6085	485	6570	120	6685	1395	8075	195	8275	400	

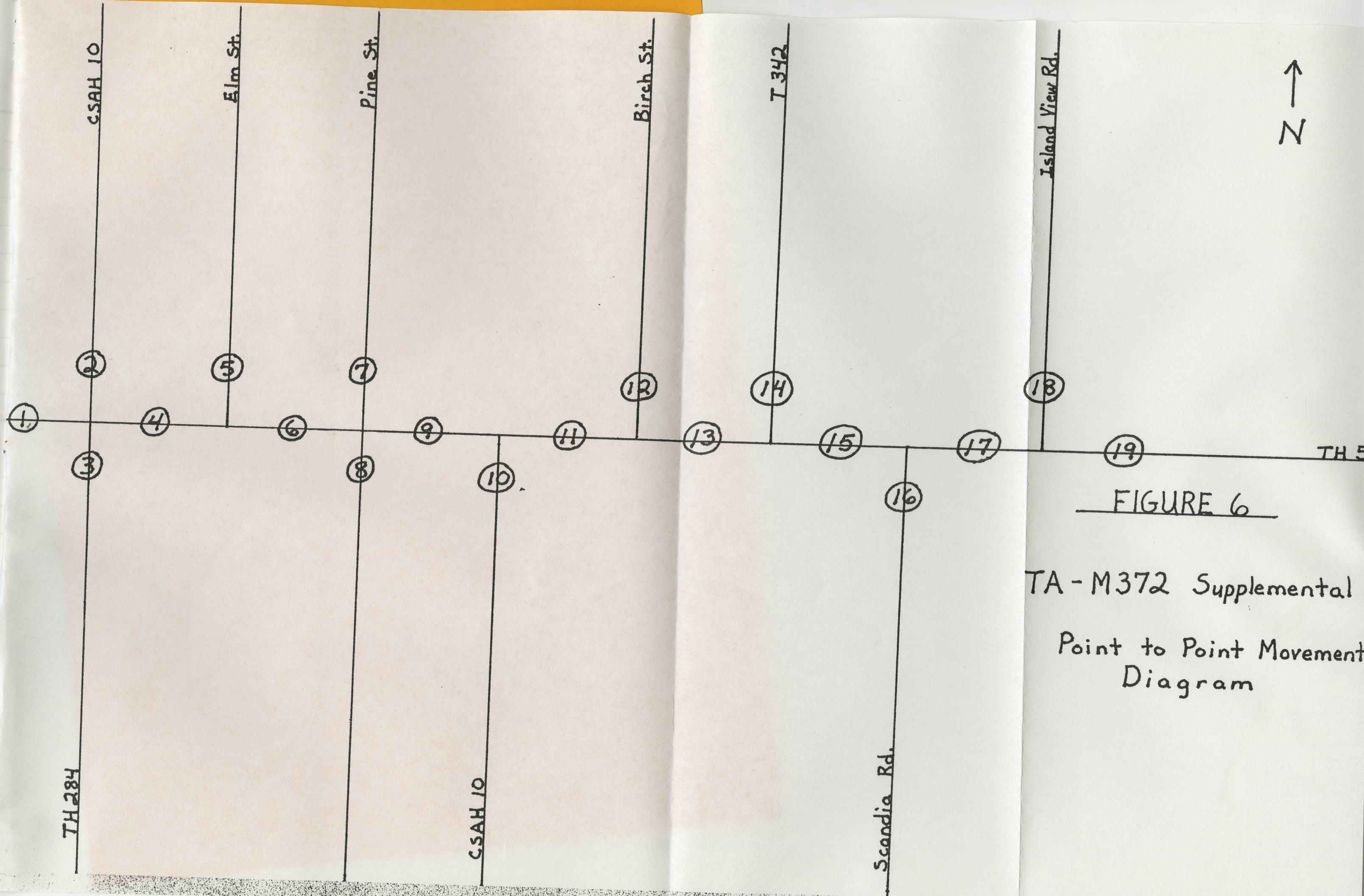


FIGURE 6

TA-M372 Supplemental
Point to Point Movement
Diagram